SOLEJOINT

DECLARATION AND POWER OF ATTORNEY

As the below named inventors, we hereby declare that our residence, post office address and citizenships are as stated below next to our names: that we verily believe we are the original and joint inventors of the subject matter claimed and for which a patent is sought in the application entitled:

A NEW ESSENTIAL DOWNSTREAM COMPONENT OF THE WINGLESS SIGNALING PATHWAY AND THERAPEUTIC AND DIAGNOSTIC APPLICATIONS BASED THEREON

		Y AND THER	APEUTIC AND	DIAGNUSTIC A	IFFLIÇATIO	MS BASED THE	BEUN	
which applicat	ion is: attached appl	ication			Applicat	tion No.		
(for original ag		Manon			filed July 2	7, 2001, and amen	ded on July 27, 2	001
					and (for declara	tion not accompan	ying application)
material to the States Code §1 and have also	y amendme patentabilit 119, §172 or identified or	nt referred to about of this application of the supplication of any properties and first any for	ove; that we ackor tion under 37 C.F visional application	owledge our duty I.R. § 1.56, that v on or foreign appl for patent or inv	to disclose in ve hereby clai ication(s) for 1	ified application, if formation of which the principle benefits patent or inventor's cate on this invent	we are aware we will will also the second and the second are the s	United i below
Applicati	ion Number		Country	Fili	ng Date	Priori	ty Claimed	
60/2	21,502		United States	Jaly	28, 2000		YE\$	
We hereby claim the benefit of Title 35, United States Code §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in a listed prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, We acknowledge our duty to disclose any information material to the patentability of this application under 37 C.F.R. 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:								
	Application N	io.		Filing Date		Status		
Darryl Mexic, Waddell A. B 28,703; John Turner, Reg. 31,333; Gorda 32,197; Willia Rosner, Reg. Robert M. M	Reg. No. 23 iggart, Reg. R. Inge, Re No. 29,710; on Kit, Reg. am H. Mand No. 33,276; asters, Reg. isiness in the	3,063; Robert V. No. 24,861; Loug. No. 26,916; J. Howard L. Bern No. 30,764; Sus lir, Reg. No. 32, Bruce E. Kram No. 35,603 and	Sloan, Reg. No. 2 is Gubinsky, Reg. Joseph J. Ruch, Jr nstein, Reg. No. 2 an J. Mack, Reg. 156; Scott M. Da er, Reg. No. 33,7 l George F. Lehn lemark Office con	22,775; Peter D. C. No. 24,835; Nei r., Reg. No. 26,5 25,665; Alan J. K. No. 30,951; Fran miels, Reg. No. 3 25; Paul F. Neils igk, Reg. No. 36 nected therewith.	Dlexy, Reg. No. 18. Siegel, Reg. 77; Sheldon I. asper, Reg. No. 2,562; Brian 2,359, our attoand request the	192; Robert J. Sca o. 24,513; J. Frank ig. No. 25,200; Da . Landsman, Reg. lo. 25,426; Kennet i, Reg. No. 31,484; W. Hannon, Reg. 1,102; Brett S. Syl- meys to prosecute at all corresponder Pennsylvania Ave	vid J. Cushing, R No. 25,430; Ric h J. Burchfiel, R Mark Boland, R No. 32,778; Abr vester, Reg. No. e this application nce about the app	Reg. No. chard C. deg. No. deg. No. raham J. 32,765; a and to
We hereby debelief are belief are	eclare that a leved to be to punishable b	rue; and further to	hat these statemer	its were made with under Section 10	th the knowled 101 of Title 1	at all statements rilge that willful fals 8 of the United States	ie statements and	tue itke
Date		3.2001		rst Inventor	Konrad	BASL	ER Last Name	
Residence	Zürich City		SWITZERLAN State/Country	D Signatur	First Name e <u>Ker</u>	Middle Initial	Barley	,
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Citizenship	SWITZ	ERLAND		<u> </u>				

Date Second Inventor Erich BRUNNER Middle Initial First Name Last Name Residence Zürich **SWITZERLAND** Signature City State/Country Post Office Address: c/o University Hospital Zūrich Rämistrasse 100, CH-8091, Zürich, SWITZERLAND Citizenship SWITZERLAND Date Third Inventor Barbara FROESCH First Name Middle Initial Last Name SWITZERLAND Residence Zürich Signature City State/Country Post Office Address: c/o Institute of Molecular Biology, UNIZH Winterthurerstrasse 190, CH-8057, Zürich, SWITZERLAND Citizenship SWITZERLAND 18.9.01 Date Fourth Inventor Thomas **KRAMPS** First Name Middle Initial Residence Zürich **SWITZERLAND** Signature State/Country City Post Office Address: c/o Institute of Molecular Biology, UNIZH Winterthurerstrasse 190, CH-8057, Zürich, SWITZERLAND GERMANY Citizenship **Fifth Inventor Date** Oliver PETER First Name Middle Initial Last Name Zürich Residence SWITZERLAND Signature State/Country City Post Office Address: c/o University Hospital Zürich Rämistrasse 100, CH-8091, Zürich, SWITZERLAND Citizenship SWITZERLAND Date Sixth Inventor First Name Middle Initial Last Name Residence Signature City State/Country Post Office Address: Citizenship

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DECLARATION AND POWER OF ATTORNEY

As the below named inventors, we hereby declare that our residence, post office address and citizenships are as stated below next to our names: that we verily believe we are the original and joint inventors of the subject matter claimed and for which a patent is sought in the application entitled:

A NEW ESSENTIAL DOWNSTREAM COMPONENT OF THE WINGLESS SIGNALING PATHWAY AND THERAPEUTIC AND DIAGNOSTIC APPLICATIONS BASED THEREON

which application is:

(for original application)

M Application No.

filed July 27, 2001, and amended on July 27, 2001

and

(for declaration not accompanying application)

that we have reviewed and understand the contents of the specification of the above-identified application, including the claims, as amended by any amendment referred to above; that we acknowledge our duty to disclose information of which we are aware which is material to the patentability of this application under 37 C.F.R. § 1.56, that we hereby claim priority benefits under Title 35, United States Code § 119, § 172 or § 365 of any provisional application or foreign application(s) for patent or inventor's certificate listed below and have also identified on said list any foreign application for patent or inventor's certificate on this invention having a filing date before that of any foreign application on which priority is claimed:

Application Number

Country

Filing Date

Priority Cizitace

60/221,582

United States

July 28, 2800

YES

We hereby claim the benefit of Title 35, United States Code §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in a listed prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, We acknowledge our duty to disclose any information material to the patentability of this application under 37 C.F.R. 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application No.

Filing Date

Statut

We hereby appoint John H. Mion, Reg. No. 18,879; Thomas J. Macpeak, Reg. No. 19,292; Robert J. Seas, Ir., Reg. No. 21,092; Darryl Mexic, Reg. No. 23,063; Robert V. Sloan, Reg. No. 22,775; Peter D. Olexy, Reg. No. 24,513; J. Frank Osha, Reg. No. 24,625; Waddell A. Biggart, Reg. No. 24,861; Louis Gubinsky, Reg. No. 24,835; Neil B. Siegel, Reg. No. 25,200; David J. Cushing, Reg. No. 28,703; John R. Inge, Reg. No. 26,916; Joseph J. Ruch, Jr., Reg. No. 26,577; Sheldon L. Landsman, Reg. No. 25,430; Richard C. 28,703; John R. Inge, Reg. No. 26,916; Joseph J. Ruch, Jr., Reg. No. 26,577; Sheldon L. Landsman, Reg. No. 25,430; Richard C. Tumer, Reg. No. 29,710; Howard L. Bernstein, Reg. No. 25,665; Alan J. Kasper, Reg. No. 25,426; Kenneth J. Burchfiel, Reg. No. 31,333; Gordon Kit, Reg. No. 30,764; Susan J. Mack, Reg. No. 30,951; Frank L. Bernstein, Reg. No. 31,484; Mark Boland, Reg. No. 31,333; Gordon Kit, Reg. No. 30,764; Susan J. Mack, Reg. No. 30,951; Frank L. Bernstein, Reg. No. 31,484; Mark Boland, Reg. No. 32,197; William H. Mandir, Reg. No. 32,156; Scott M. Damiels, Reg. No. 32,562; Brian W. Haunon, Reg. No. 32,778; Abraham J. Rosner, Reg. No. 33,276; Bruce E. Kramer, Reg. No. 33,775; Paul F. Neils, Reg. No. 33,102; Brett S. Sylvester, Reg. No. 32,765; Rosner, Reg. No. 35,603 and George F. Lehnigk, Reg. No. 36,359, our attomerys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and request that all correspondence about the application be addressed to SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC, 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3213.

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

-		First Inventor	Konrad	BASLER		
Date			First Name	Middle Initial	Last Normo	
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Citizenship	SWITZE	RLAND				

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Date	10.90	20		Third Inve	ntor	Barbara Fost Name	Middle Imitial	FROESCH Last Name	
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A NEW ESSENTIAL DOWNSTREAM COMPONENT OF THE WINGLESS SIGNALING PATHWAY AND THERAPEUTIC AND DIAGNOSTIC APPLICATIONS BASED THEREON

which application is:

[I] the attached application
(for original application)

El Application No.

filed July 27, 2001, and smeaded on July 27, 2001

and

(for declaration not accompanying application)

that we have reviewed and understand the contents of the specification of the above-identified application, including the claims, as amended by any amendment referred to above; that we acknowledge our duty to disclose information of which we are aware which is material to the patentability of this application under 37 C.F.R. § 1.56, that we hereby claim priority benefits under Title 35, United States Code § 119, § 172 or § 265 of any provisional application or foreign application(s) for patent or inventor's certificate listed below and have also identified on said list any foreign application for patent or inventor's certificate on this invention having a filing date before that of any foreign application on which priority is claimed:

Applicadon Namber

Country

Filing Date

Priority Claimed

60/221,503

United States

July 28, 2000

XES

We hereby claim the benefit of Title 35. United States Code §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in a listed prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, We acknowledge our dary to disclose any information material to the patentability of this application under 37 C.F.R. 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

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We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date		First Inventor	Konrad	BASLE	R
			First Name	Middle Initial	Last Name
Residence	Zürich	SWITZERLAND Si	gnature		
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		Winterdurersurasse 190, CH-8057, Zürich	SWITZERLAND		
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Date _		·	Secor	nd Inventor	_Erich		BRUNNER
Residence		SWIT	ZERLAND	Signa	First Name	Middle Initial	
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Date	10.9	<u>2</u> 1	Third	Inventor	Barbara		PROTECT
Residence	Zürich			•	First Name	Middle Initial	FROESCH Last Name
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			Fourth	Inventor	Thomas First Name	. MAN. A.T.	KRAMPS
Residence	Zürich		ERLAND	Signatu		Middle infusi	Last Name
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Date	12.09.	2001	Fifth Im	Ventor	Oliver	- Annual Constitution of Const	
Residence				•	First Name	Middle Initial	PETER Last Name
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